

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10599350
	Filing Date		2005-03-24
	First Named Inventor	Joseph E. Zuback	
	Art Unit	1774	
	Examiner Name	D.R. Anderson	
	Attorney Docket Number	2004P87070WOUS	

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15	3472765		1969-10-14	Budd et al.	
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21	3654147	1972-04-04	Levin	
22	3679052	1972-07-25	Asper	
23	3693406	1972-09-26	Tobin, III	
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26	3708071	1973-01-02	Crowley	
27	3728256	1973-04-17	Cooper	
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43	4183890		1980-01-15	Bollinger	
44	4188817		1980-02-19	Steigelmann	
45	4190411		1980-02-26	Fujimoto	
46	4190419		1980-02-26	Bauer	
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49	4203848		1980-05-20	Grandine, II	
50	4204961		1980-05-27	Cusato, Jr.	
51	4218324		1980-08-19	Hartmann et al.	
52	4226921		1980-10-07	Tsang	

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55	4243525		1981-01-06	Greenberg	
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65	4353802		1982-10-12	Hara et al.	
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71	4385150		1983-05-24	Miyake et al.	
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76	4414113	1983-11-08	LaTerra	
77	4414172	1983-11-08	Leason	
78	4415452	1983-11-15	Heil et al.	
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87	4519909		1985-05-28	Castro	
88	4540490		1985-09-10	Shibata et al.	
89	4547289		1985-10-15	Okano et al.	
90	4609465		1986-09-02	Miller	
91	4610789		1986-09-09	Barch	
92	4614109		1986-09-30	Hofmann	
93	4623460		1986-11-18	Kuzumoto et al.	
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95	4629563		1986-12-16	Wrasidlo	
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98	4642182		1987-02-10	Droni	
99	4647377		1987-03-03	Miura	
100	4650586		1987-03-17	Ellis, III	
101	4650596		1987-03-17	Schlueter et al.	
102	4656865		1987-04-14	Callan	
103	4660411		1987-04-28	Reid	
104	4666543		1987-05-19	Kawano	
105	4670145		1987-06-02	Edwards	
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109	4688511		1987-08-25	Gerlach et al.	
110	4689191		1987-08-25	Beck et al.	
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120	4767539	1988-08-30	Ford	
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123	4779448	1988-10-25	Gogins	
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131	4812235	1989-03-14	Seleman et al.	
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135	4839048	1989-06-13	Reed et al.	
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157	5002666		1991-03-26	Matsumoto et al.	
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187	5192442		1993-03-09	Piccinillo et al.	
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50	20050126963	2005-06-16	Phagoo et al.	
51	20050139538	2005-06-30	Lazaredes	
52	20050194310	2005-09-08	Yamamoto et al.	
53	20050194315	2005-09-08	Adams et al.	
54	20050258098	2005-11-24	Vincent et al.	
55	20060000775	2006-01-05	Zha et al.	
56	20060065596	2006-03-30	Kent et al.	
57	20060081533	2006-04-20	Khudenko	
58	20060131234	2006-06-22	Zha et al.	
59	20060201876	2006-09-14	Jordan	
60	20060201879	2006-09-14	Den Boestert et al.	

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61	20060249448	2006-11-09	Fujishima et al.	
62	20060249449	2006-11-09	Nakhia et al.	
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64	20060273007	2006-12-07	Zha et al.	
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66	20070007205	2007-01-11	Johnson et al.	
67	20070007214	2007-01-11	Zha et al.	
68	20070045183	2007-03-01	Murphy	
69	20070056905	2007-03-15	Beck et al.	
70	20070075017	2007-04-05	Kuzma	
71	20070075021	2007-04-05	Johnson	

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72	20070084791		2007-04-19	Jordan et al.	
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74	20070108125		2007-05-17	Cho et al.	
75	20070138090		2007-06-21	Jordan et al.	
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	1	34400/84	AU	A	1985-04-23	Memtec Ltd		<input type="checkbox"/>

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2	55847/86	AU	A	1986-09-24	Memtec Ltd		<input type="checkbox"/>
3	762091	AU	B2	2003-06-19	Us Filter Wastewater Group Inc		<input type="checkbox"/>
4	77066/87	AU	A	1988-02-10	Memtec Ltd		<input type="checkbox"/>
5	1050770	CN		1995-01-25	Rotem Ind. Ltd.	Abstract only	<input checked="" type="checkbox"/>
6	1249698	CN	A	2000-04-05	Uef Filtration & Separations	Abstract only	<input checked="" type="checkbox"/>
7	1541757	CN	A	2004-11-03	Univ Shanghai Jiaotong	Abstract only	<input checked="" type="checkbox"/>
8	2204898Y	CN	Y	1995-08-09	Lu Qiao	Abstract only	<input checked="" type="checkbox"/>
9	2236049Y	CN	Y	1996-09-25	Zhang Lijun	Abstract only	<input checked="" type="checkbox"/>
10	10209170	DE	C1	2003-08-07	Chmiel, Horst	Abstract only	<input checked="" type="checkbox"/>
11	29804927	DE	U1	1998-06-10	Rochem Ro Wasserbehandlung Gmb	Abstract only	<input checked="" type="checkbox"/>
12	29906389	DE	U1	1999-06-17	Cramer Weberei Heek Nienborg G	Abstract only	<input checked="" type="checkbox"/>

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13	3904544	DE	A1	1990-08-16	Fraunhofer Ges Forschung	Abstract only	<input checked="" type="checkbox"/>
14	4113420	DE	A1	1992-10-29	Bayer Ag	Abstract only	<input checked="" type="checkbox"/>
15	4117281	DE	A1	1992-01-02	Bitterfeld Wolfen Chemie	Abstract only	<input checked="" type="checkbox"/>
16	4117422	DE	C1	1992-11-12	Dettinger., Willi, Prof. Dr.- ing., 7432 Bad Urach,	Abstract only	<input checked="" type="checkbox"/>
17	012557	EP	B1	1983-02-16	Abcor Inc		<input type="checkbox"/>
18	0464321	EP	A1	1992-01-08	Perdomini Spa		<input type="checkbox"/>
19	050447	EP	B1	1985-10-02	Asahi Glass Co Ltd		<input type="checkbox"/>
20	090383	EP	B1	1990-05-23	Hr Textron Inc		<input type="checkbox"/>
21	1034835	EP	A1	2000-09-13	Biothane Systems Int Bv		<input type="checkbox"/>
22	1052012	EP	A1	2000-11-15	Asahi Chemical Ind		<input type="checkbox"/>
23	1236503	EP	B1	2004-08-25	Solvay Solexis Spa		<input type="checkbox"/>

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24	126714	EP	A2	1984-11-28	Christ Ag	Abstract only	<input checked="" type="checkbox"/>
25	1349644	EP	B1	2003-10-08	Siemens Water Technologies Corp.	Translation	<input checked="" type="checkbox"/>
26	1350555	EP	A1	2003-10-08	Toray Industries		<input type="checkbox"/>
27	1420874	EP	B1	2011-01-19	Us Filter Wastewater Group Inc		<input type="checkbox"/>
28	1659171	EP	A1	2006-05-24	Kobelco Eco Solutions Co Ltd		<input type="checkbox"/>
29	194735	EP	A2	1986-09-17	Drori, Mordeki		<input type="checkbox"/>
30	250337	EP	A1	1987-12-23	Rhone Poulenc Rech	Abstract only	<input checked="" type="checkbox"/>
31	280052	EP	B1	1994-07-27	Dongbei Power College		<input type="checkbox"/>
32	327025	EP	A1	1989-08-09	Sartorius GmbH	Abstract only	<input checked="" type="checkbox"/>
33	344633	EP	A1	1989-12-06	Organo Kk		<input type="checkbox"/>
34	395133	EP	B1	1995-02-01	X Flow Bv		<input type="checkbox"/>

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35	407900	EP	A2	1991-01-16	Alkzo Nv	Abstract only	<input checked="" type="checkbox"/>
36	430082	EP	B1	1996-06-19	Millipore Corp		<input type="checkbox"/>
37	463627	EP	A2	1992-01-02	Bitterfeld Wolfen Chemie	Abstract only	<input checked="" type="checkbox"/>
38	492446	EP	B1	1995-11-29	Dow Chemical Co		<input type="checkbox"/>
39	492942	EP	A2	1992-07-01	Amoco Corp		<input type="checkbox"/>
40	518250	EP	B1	1992-12-16	Pall Corp		<input type="checkbox"/>
41	547575	EP	A1	1993-06-23	Permea Inc		<input type="checkbox"/>
42	627255	EP	B1	1999-01-13	Rotem Ind Ltd et al.		<input type="checkbox"/>
43	662341	EP	A1	1995-07-12	Kubota Kk		<input type="checkbox"/>
44	734758	EP	A1	1996-10-02	Mitsui Petrochemical Ind		<input type="checkbox"/>
45	763758	EP	A1	1997-03-19	Seiko Giken Kk		<input type="checkbox"/>

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46	824956	EP	A2	1998-02-25	Essef Corp		<input type="checkbox"/>
47	848194	EP	A2	1998-06-17	Weissenbacher Andreas et al.	Abstract only	<input checked="" type="checkbox"/>
48	855214	EP	A1	1998-07-29	Kanegafuchi Chemical Ind		<input type="checkbox"/>
49	911073	EP	A1	1999-04-28	Pall Corp		<input type="checkbox"/>
50	920904	EP	A2	1999-06-09	Praxair Technology Inc		<input type="checkbox"/>

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	1	ALMULLA et al., Desalination, 153 (2002), pp. 237-243	<input type="checkbox"/>
	2	Anonymous, "Nonwoven Constructions of Dyneon "THV and Dyneon "THE Fluorothermoplastics", Research Disclosure Journal, April 1999, RD 420013, 2 pages	<input type="checkbox"/>
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5	Craig, Jones, "Applications of Hydrogen Peroxide and Derivatives," The Royal Society of Chemistry, Cambridge, UK 1999 Chapters 2 and 5.	<input type="checkbox"/>
6	CRAWFORD et al., "Procurement of Membrane Equipment: Differences Between Water Treatment and Membrane Bioreactor (MBR) Applications" (2003).	<input type="checkbox"/>
7	DAVIS et al., Membrane Technology Conference, "Membrane Bioreactor Evaluation for Water Reuse in Seattle, Washington" (2003).	<input type="checkbox"/>
8	DeCAROLIS et al., Membrane Technology Conference, "Optimization of Various MBR Systems for Water Reclamation" (2003).	<input type="checkbox"/>
9	Delgrange-Vincent, N. et al., Desalination 131 (2000) 353-362.	<input type="checkbox"/>
10	Dow Chemicals Company, "Fimtec Membranes - Cleaning Procedures for Fimtec FT30 Elements," Tech Facts, Online, June 30, 2000, XP002237568.	<input type="checkbox"/>
11	HUSAIN, H. et al., "The ZENON experience with membrane bioreactors for municipal wastewater treatment," MBR2: Membr. Bioreact. Wastewater Treat., 2nd Intl. Meeting; School of Water Sciences, Cranfield University, Cranfield, UK, June 1999.	<input type="checkbox"/>
12	JOHNSON, "Recent Advances in Microfiltration for Drinking Water Treatment," AWWA Annual Conference, June 20-24, 1999, Chicago, Illinois, entire publication.	<input type="checkbox"/>
13	KAIYA et al., "Water Purification Using Hollow Fiber Microfiltration Membranes," 6th World Filtration Congress, Nagoya, 1993, pp. 813-816.	<input type="checkbox"/>
14	Kang et al. "Characteristics of microfiltration membranes in a membrane coupled sequencing batch reactor system" Water Research, Elsevier, Amsterdam, NL, vol. 37, no. 5, March 2003.	<input type="checkbox"/>
15	LLOYD, D.R. et al. "Microporous Membrane Formation Via Thermally Induced Phase Separation/Solid-Liquid Phase Separation" Journal of Membrane Science (09/15/1990), pages 239-261, Vol. 52, No. 3, Elsevier Scientific Publishing Company, Amsterdam, NL.	<input type="checkbox"/>

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16	LOZIER et al., "Demonstration Testing of ZenoGem and Reverse Osmosis for Indirect Potable Reuse Final Technical Report," published by CH2M Hill, available from the National Technical Information Service, Operations Division, January 2000, entire publication.	<input type="checkbox"/>
17	MicroCTM -Carbon Source for Wastewater Denitrification. Information from Environmental Operating Solutions website including MSDS.	<input type="checkbox"/>
18	NAKAYAMA, "Introduction to Fluid Mechanics," Butterworth-Heinemann, Oxford, UK, 2000.	<input type="checkbox"/>
19	RAMASWAMY S. et al. "Fabrication of Poly (ECTFE) Membranes via thermally induced phase Separation", Journal of Membrane Science, (12-01-2002), pages 175-180, Vol. 210 No. 1, Scientific Publishing Company, Amsterdam, NL.	<input type="checkbox"/>
20	ROSENBERGER et al., Desalination, 151 (2002), pp. 195-200.	<input type="checkbox"/>
21	U.S. Provisional Application 60/278,007 filed March 23, 2001.	<input type="checkbox"/>
22	UEDA et al., "Effects of Aeration on Suction Pressure in a Submerged Membrane Bioreactor," Wat. Res. Vol. 31, No. 3, 1997, pp. 489-494.	<input type="checkbox"/>
23	WHITE et al., The Chemical Engineering Journal, 52 (1993), pp. 73-77.	<input type="checkbox"/>
24	Yamamoto et al., Water Science Technology, Vol. 2, pages, 43-54; 1989.	<input type="checkbox"/>
25	Yoon. "Important operational parameters of membrane bioreactor-sludge disintegration (MBR-SD) system for zero excess sludge production" Water Research, Elsevier, Amsterdam, NL, vol. 37, no. 8, April 2003	<input type="checkbox"/>
26	ZENON, "Proposal for ZeeWeed® Membrane Filtration Equipment System for the City of Westminster, Colorado, Proposal Number 479-99," March 2000, entire publication.	<input type="checkbox"/>

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